

ABSTRACT

Flow sensor with a tube (2) through which flows the medium to be measured and a housing comprising a lower shell (5) and an upper shell (25) and receiving measuring electronics (11) with unions (1) provided with a flow bore (28) communicating with the tube (2) and which are received in recesses made in facing sides of the lower shell (5) and upper shell (25), wherein the union (1) has an outer part (22), an inner part (23) and a central piece (6), the inner part (23) of both unions (1) is provided with a blind hole (8) concentric to the flow bore (28) and in which are mounted the ends of the tube (2) and the central piece (6) is constructed cylindrically with a reduced diameter compared with the parts (22, 23) of the union and the lower shell (5) and upper shell (25) are in each case provided with a semicylindrical portion receiving the central piece (6) of the union (1).

(fig. 1)